

## WHAT IS CLAIMED IS

1. A built-in antenna configuration comprising a signal end and a ground end; and the improvements comprising:
  - a metal frame or metal shell of an electronic communication device being used as the ground end;
  - the ground end connecting fixedly the signal end respectively connected to the negative and the positive electrodes of a coaxial feeder to form a built-in antenna configuration; and
  - the ground end being substantially parallel to the signal end.
2. The built-in antenna configuration as claimed in Claim 1, wherein:
  - the signal end is of a strip plate;
  - an end of the signal end is bended and folded to an angle, about 90°, to form a fixing end;
  - the signal end connects a conductor provided on the end thereof with a positive electrode feed-in point;
  - the ground end is a conductive metal frame originally mounted in an electronic communication device;
  - in assembling, both sides at the bottom of the fixing end of the signal end fixedly connect a metal fixing foot for being fixed on the ground end;
  - the bottom of the fixing end is connected with a conducting plate provided on the end thereof with a negative electrode feed-in point;
  - the conducting plate is substantially parallel to the signal end, and the ground end is also substantially parallel to the signal end; and
  - the positive and negative electrode feed-in points thereof are respectively connected to a coaxial feeder.
3. The built-in antenna configuration as claimed in Claim 1, wherein:
  - the signal end is of a strip plate;
  - an end of the signal end is bended and folded to an angle, about 90°, to form a fixing end;
  - the signal end connects a conductor provided on the end thereof with a positive electrode feed-in point;

the ground end is a conductive metal frame originally mounted in an electronic communication device;

in assembling, the fixing end of the signal end is fixedly connected to a side of the ground end;

the side of the fixing end connects a conducting plate connected in parallel with the ground end;

the conducting plate is provided with a negative electrode feed-in point;

the conducting plate is substantially parallel to the signal end, and the ground end is also substantially parallel to the signal end; and

the positive and negative electrode feed-in points thereof are respectively connected to a coaxial feeder.

4. The built-in antenna configuration as claimed in Claim 1, wherein:
  - the signal end is of a L-shaped plate;
  - the tail end of the L-shaped signal end is a fixing end;
  - the signal end connects a conductor provided on the end thereof with a positive electrode feed-in point;
  - the ground end is a metal frame supporting the LCD screen;
  - in assembling, the fixing end of the L-shaped signal end is fixed to the ground end;
  - a side of the fixing end is provided with a conducting plate connected in parallel with a side of the ground end;
  - the conducting plate is provided with a negative electrode feed-in point;
  - the conducting plate is substantially parallel to the signal end, and the ground end is also substantially parallel to the signal end; and
  - the positive and negative electrode feed-in points are respectively connected to a coaxial feeder.